

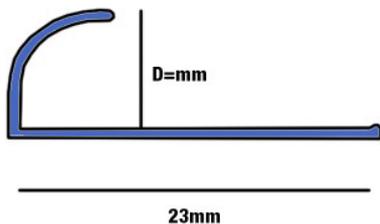
Aluminium Round Trim

Product Description

Aluminium Round Edge profiles are designed to protect the edges of ceramic tiles or similar hard finishes fitted in wall and floor installations, this is an C shaped extruded aluminium profile. The suitability of aluminium must be determined if chemical or mechanical stresses are anticipated.



Dimensions and Colour



All trims are 2.5m in length and are available in 8mm, 10mm, 12mm in a range of finishes.

Technical Details

Aluminium profiles are available in various finishes. These anodised trims are originally produced from extruded aluminium with an oxide film of approximately 0.2 microns. When mechanically and chemically polished the anodising process increases this oxide film to 5 microns.

Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611	
Component	Wt.%
Si	0.2-0.6
Fe	0.35
Cu	0.1
Mn	0.1
Mg	0.45-0.9
Zn	0.1
Ti	0.1
Cr	0.1
Al	Balance

Maintenance

These trims do not require any special maintenance. Oxidation films on Aluminium may be removed with a common polishing agent; however, they do reoccur. Damaged anodised finishes may only be repaired by recoating.

Aluminium must be tested to verify its suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and time of exposure) may result in corrosion (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces. In addition, ensure that the profile is solidly

embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

The anodised layer creates a finish that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed immediately. Otherwise, the description regarding aluminium applies.

Installation:

1. Select trim according to tile thickness.
2. Trowel tile adhesive over the area that forms the perimeter of the tiled covering.
3. Press the perforated anchoring leg of the trim into the tile adhesive and align, mechanical fix if required.
4. Trowel additional adhesive over the perforated anchoring leg to ensure full coverage.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile, the profile should not be higher than the tiled surface, but rather up to approximately 1 mm lower.
6. Fill the joint completely with grout.